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and process\$3 mount\$3 with system.ti. and takeyoshi.in. 14 mount\$3 with system.ti. and takeyoshi.in. 15 mount\$3 with system.ti. and takeyoshi.in. 16 mount\$3 with system.ti. and takeyoshi.in. 17 mount\$3 with system.ti. and takeyoshi.in. 18 mount\$3 with system.ti. and takeyoshi.in. 19 mount\$3 with system.ti. and takeyoshi.in. 10 mount\$3 with system.ti. and takeyoshi.in. 10 mount\$3 with system.ti. and takeyoshi.in. 10 mount\$3 with system.ti. and takeyoshi.in. 11 mount\$3 with system.ti. and takeyoshi.in. 12 mount\$3 with system.ti. and takeyoshi.in. 13 mount\$3 with system.ti. and takeyoshi.in. 14 mount\$3 with system.ti. and takeyoshi.in. 15 mount\$3 wish system.ti. and takeyoshi.in. 16 mount\$3 wish system.ti. and takeyoshi.in. 17 mount\$3 with system.ti. and takeyoshi.in. 18 mount\$3 uspat; 2004/01/30 16:25 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:27 2004/01/30 16:35 2004/01/30 16:35 2004/01/30 16:35 2004/01/30 16:35 2004/01/30 16:35		1	(reference mark) and mounting with system		
- 14 mount\$3 with system.ti. and takeyoshi.in. USPAT; US-PGPUB; EPO; JPO USPAT USPAT; USPAT; USPAT; EPO; JPO U			and process\$3		
US-PGPUB; EPO; JPO USPAT 2004/01/30 16:25 USPAT; EPO; JPO USPA	1_	1.4	mount \$3 with evetom ti and takevochi in	IISPAT.	2003/11/07 18:22
Description of the content of the co	-	14	modifices with system.tr. and takeyoshi.in.		2000, 21, 0. 20.22
- 0 1117286.URPN. 1 4680523.pn. 1 4833776.pn. 2091 detect\$3 with posit\$3 and rotat\$3 same nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) 203 (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) 204/01/30 16:27 EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 16:25 2004/01/30 16:25 EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 17:16					
- 1 4680523.pn. - 1 4833776.pn. - 2091 detect\$3 with posit\$3 and rotat\$3 same nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) - 203 (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 - 2 "01183891" - 2 "04372199" USPAT; EPO; JPO USPAT; EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 17:16		_	1117206 UDDN		2004/01/30 16:25
EPO; JPO USPAT;	-				
- 1 4833776.pn. 2091 detect\$3 with posit\$3 and rotat\$3 same nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 2 "01183891" 2 "04372199" USPAT; EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 17:16	-	1	4680523.pn.		2004/01/30 16:25
- 2091 detect\$3 with posit\$3 and rotat\$3 same nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) (circuit with (board substrate)) and mount\$3 - 203 (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 - 2 "01183891" - 2 "04372199" EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 17:16	1				0004/01/00 16 05
- 2091 detect\$3 with posit\$3 and rotat\$3 same nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) and circuit with (board substrate)) and mount\$3 - 2 "01183891" 2 "04372199" USPAT; EPO; JPO USPAT;	-	1	4833776.pn.	1	2004/01/30 16:27
nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) uspat; 2004/01/30 17:16 EPO; JPO circuit with (board substrate) and mount\$3 uspat; 2004/01/30 17:16 EPO; JPO uspat; 2004/01/30 17:16 EPO; JPO uspat; 2004/01/30 18:02					
nozzle and axis (detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 2 "01183891" 2 "04372199" 2 "04372199" EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 18:02	-	2091	detect\$3 with posit\$3 and rotat\$3 same		2004/01/30 16:35
nozzle and axis) and (image camera) and circuit with (board substrate) 203 ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 USPAT; 2004/01/30 17:16 EPO; JPO 2 "04372199" USPAT; 2004/01/30 18:02				l .	
nozzle and axis) and (image camera) and circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 "01183891" 2 "04372199" EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 18:02	-	215	(detect\$3 with posit\$3 and rotat\$3 same		2004/01/30 16:37
circuit with (board substrate) ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 2 "01183891" 2 "04372199" USPAT; EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 17:16				EPO; JPO	
- 203 ((detect\$3 with posit\$3 and rotat\$3 same nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 - 2 "01183891" 2 "04372199" 2 004/01/30 17:16 EPO; JPO USPAT; EPO; JPO USPAT; 2004/01/30 17:16		1			
nozzle and axis) and (image camera) and circuit with (board substrate)) and mount\$3 - 2 "01183891" 2 "04372199" 2 "04372199" EPO; JPO USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 18:02	_	203		USPAT;	2004/01/30 17:16
circuit with (board substrate)) and mount\$3 "01183891" 2 "04372199" USPAT; EPO; JPO USPAT; 2004/01/30 18:02			nozzle and axis) and (image camera) and	l .	
- 2 mount\$3 "01183891" USPAT; 2004/01/30 17:16 - 2 "04372199" USPAT; 2004/01/30 18:02	1		circuit with (board substrate)) and		
- 2 "01183891" USPAT; 2004/01/30 17:16 EPO; JPO USPAT; 2004/01/30 18:02	1				1
EPO; JPO USPAT; 2004/01/30 18:02				ייעקפון.	2004/01/30 17:16
_ 2 "04372199" USPAT; 2004/01/30 18:02	-	2	01183831		2004,01,00 1,110
2 04372133		_	#0.40701.00#		2004/01/30 18:02
EPO; JPO	-	2	"043/2199"	1	2004/01/30 10.02
				FEO: JEO	

			TICDAM.	2004/01/30 17:17
_	13	4372199.URPN.	USPAT USPAT;	2004/01/30 17:17
-	4	suction adj nozzle and detect\$3 with	EPO; JPO	2004/01/30 18.03
		position and rotat\$3 with axis and imag\$3	EFO, OFO	
	_	and calibrat\$4 suction adj nozzle and detect\$3 with	USPAT;	2004/01/30 18:07
-	6	position and rotat\$3 and imag\$3 and	EPO; JPO	2001, 02, 00 2010.
		calibrat\$4	BIO, OIG	
	843	reference adj point and detect\$3 with	USPAT;	2004/01/30 18:07
_	043	position and rotat\$3 and imag\$3 and	EPO; JPO	11/4
		calibrat\$4		
_	6	reference adj point and detect\$3 with	USPAT;	2004/01/30 18:09
-	J	position and rotat\$3 and imag\$3 and	EPO; JPO	
		calibrat\$4 with gauge		1
_	814	reference adj point and detect\$3 with	USPAT;	2004/01/30 18:12
	014	position and rotat\$3 and imag\$3 and	EPO; JPO	0.03
		calibrat\$4 and process\$3		
_	107	(reference adj point and detect\$3 with	USPAT;	2004/01/30 18:16
	10,	position and rotat\$3 and imag\$3 and	EPO; JPO	
		calibrat\$4 and process\$3) and fiducial		
_	51	((reference adj point and detect\$3 with	USPAT;	2004/01/30 18:19
		position and rotat\$3 and imag\$3 and	EPO; JPO	
		calibrat\$4 and process\$3) and fiducial)		
		and mounting		
_	46	(reference adj point and detect\$3 with	USPAT;	2004/01/30 18:38
		position and rotat\$3 and imag\$3 and	EPO; JPO	
		calibrat\$4 and process\$3) and nozzle	·	
_	2995		USPAT;	2004/01/30 18:40
		axis and mounting with (component device)	EPO; JPO	
_	259		USPAT;	2004/01/30 18:40
		rotat\$3 with axis and mounting with	EPO; JPO	
		(component device))		
_	52	(29/\$.ccls. and (detect\$3 with position	USPAT;	2004/01/30 18:45
j		and rotat\$3 with axis and mounting with	EPO; JPO	
		(component device))) and (imag\$3 camera)		
		and mark		0004/01/20 10:42
[-	44		USPAT;	2004/01/30 18:42
		and rotat\$3 with axis and mounting with	EPO; JPO	
		(component device))) and (imag\$3 camera)		
		and (reference fiducial) with (point mark)	HODAM.	2004/01/30 18:45
-	17		USPAT; EPO; JPO	2004/01/30 18.43
		and rotat\$3 with axis and mounting with	EFO, OFO	1
		(component device))) and calibrat\$4 5758410.URPN.	USPAT	2004/02/02 17:56
-	994		USPAT;	2004/02/02 17:30
_	994	camera with imag\$4 and process\$3	EPO; JPO	2004/02/02 10:23
1_	98		USPAT;	2004/02/02 18:29
-	90	camera with imag\$4 and process\$3) and	EPO; JPO	2001, 02, 02
1		29/\$.ccls.	B10, 010	
1_	80		USPAT;	2004/02/02 18:30
		camera with imag\$4 and process\$3) and	EPO; JPO	
		29/\$.ccls.) and angle]	
_	2547		USPAT;	2004/02/03 18:44
		camera) and lowering	EPO; JPO	
-	1770	1	USPAT;	2004/02/03 18:45
		camera) and lowering) and process\$3	EPO; JPO	
1 -	648		USPAT;	2004/02/03 18:45
		(image camera) and lowering) and	EPO; JPO	
	1	process\$3) and position with detect\$3		
-	209		USPAT;	2004/02/03 18:46
		(image camera) and lowering) and	EPO; JPO	
		process\$3) and position with detect\$3) and		
		vacuum		0004/00/00 10 15
-	165		USPAT;	2004/02/03 18:46
		(image camera) and lowering) and	EPO; JPO	
1		process\$3) and position with detect\$3) and		
		vacuum) and (circuit substrate)	HODE	2004/02/02 10:47
-	161	(((((rotat\$3 with axis and mounting and	USPAT;	2004/02/03 18:47
		(image camera) and lowering) and	EPO; JPO	
		process\$3) and position with detect\$3) and		
	1	vacuum) and (circuit substrate)) and	1	
L .	1	(reference mark)		